

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO		Confirmation Number	1111
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary) Sheet 1 of 28		Application Number	10/821,284
		Filing Date	April 9, 2004
		First Named Inventor	Moore
		Group Art Unit	3733
		Examiner Name	Hoffman, Mary
		Attorney Docket Number	DEP5292USNP

#### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		Re37161		Michelson et al.	05/01/2001	
		522747		Showell, E.	06/26/1940	
		2,005,955		Knox Granville S	06/1935	
		2,248,054		Becker	07/08/1941	
		2,268,576		George Drewett	01/1942	
		2,346,346		Anderson, R.	04/11/1944	
		2514589		Penman Walter R	07/1950	
		2,684,168		McGinnis Archibald B., et al.	07/1954	
		3,224,799		Blose et al.	12/21/1965	
		3,997,138		Crock et al.	12/14/1976	
		4,041,636		Folker, J.	08/16/1977	

#### FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	†
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
		WO	89 00028	A1	Biedermann et al.	01/12/1989	WO	
		WO	90 00377	A1	Harms et al.	01/25/1990	WO	
		WO	91 06254	A1	Biedermann et al.	05/19/1991	WO	
		WO	91 16020	A1	Danninger Medical Technology	10/31/1991	WO	
		WO	92 20294	A1	Eisenstein et al.	11/26/1992	WO	
		WO	93 11715	A1	Jeanson et al.	06/24/1993	WO	
		WO	94 14384	A2	Plus Endoprothetik	07/07/1994	WO	

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov). <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 28

Confirmation Number	1111
Application Number	10/821,284
Filing Date	April 9, 2004
First Named Inventor	Moore
Group Art Unit	3733
Examiner Name	Hoffman, Mary
Attorney Docket Number	DEP5292USNP

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)				
		4,274,401			Miskew, D.	06/23/1981	4,274,401
		4,369,011			Ploss, Helmut	01/1983	4,369,011
		4,373,754			Bollfrass et al	02/15/1983	4,373,754
		4,492,749			Scheler	01/18/1985	4,492,749
		4,382,438			Jacobs, R.	05/10/1983	4,382,438
		4,611,580			Wu, K.	09/16/1986	4,611,580
		4,763,644			Webb	08/16/1988	4,763,644
		4,799,372			Marcon et al.	01/24/1989	4,799,372
		4,805,602			Cotrel, Y.	03/28/1989	4,805,602
		4,815,453			White et al.	07/25/1989	4,815,453
		4,836,196			Park et al.	06/06/1989	4,836,196

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	† <sup>1</sup>
		Office <sup>3</sup>	Number <sup>3</sup>	Kind Code <sup>3</sup>				
		WO	95 01132	A1	Synthes	01/12/1995	WO	
		WO	95 13735	A1	Cross Medical Products Inc.	05/26/1995	WO	
		WO	95 13736	A1	Cross Medical Products Inc.	05/26/1995	WO	
		WO	95 14437	A1	Sofamor Danek Group	06/01/1995	WO	
		WO	98 12977	A1	SDGI Holdings Inc.	04/02/1998	WO	
		WO	00 27297	A1	SDGI Holdings Inc.	05/18/2000	WO	
		WO	01 01873	A1	Spinevision S.A.	01/11/2001	WO	

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov). <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case.

Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 28

Confirmation Number	1111
Application Number	10/821,284
Filing Date	April 9, 2004
First Named Inventor	Moore
Group Art Unit	3733
Examiner Name	Hoffman, Mary
Attorney Docket Number	DEP5292USNP

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		4,843,368		Kronner, R.	07/18/1989	
		4,887,596		Sherman, M.	12/19/1989	
		4,913,134		Luque	04/03/1990	
		4,946,458		Harms et al.	08/07/1990	
		4,950,269		Gaines, R., Jr.	08/21/1990	
		5,005,562		Cotrel, Y.	04/09/1991	
		5,042,982		Harms et al.	08/27/1991	
		5,067,955		Cotrel, Y.	11/26/1991	
		5,092,635		DeLange et al.	03/1992	
		5,092,867		Harms et al.	03/03/1992	
		5,092,893		Smith	03/03/1992	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>3</sup>
		Office <sup>4</sup>	Number <sup>5</sup>	Kind Code <sup>5</sup>				
		WO	04 041100	A1	Spinal Concepts, Inc	05/021/2004	WO	
		WO	05 041799	A1	Innovative Spinal Technologies	05/12/2005	WO	
		WO	20 69854		Kim, Sung-Kon	09/12/2002	WO	
		DE	430 7576		Biedermann	04/21/1994	DE	
		DE	199 12 364	B4	Brehm, Peter	10/07/2004	DE	
		DE	26 49 042	B1	Ulrich, Max Bernhard	01/05/1978	DE	
		DE	29 03 342	A1	Hoechst AG	07/31/1990	DE	

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov). <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO		Confirmation Number	1111
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary) Sheet 4 of 28		Application Number	10/821,284
		Filing Date	April 9, 2004
		First Named Inventor	Moore
		Group Art Unit	3733
		Examiner Name	Hoffman, Mary
		Attorney Docket Number	DEP5292USNP

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		5,129,388		Vignaud et al.	07/14/1992	
		5,154,719		Cotrel, Y.	10/13/1992	
		5,171,279		Mathews	12/15/1992	
		5,176,680		Vignaud et aal.	01/05/1993	
		5,196,013		Harms et al.	03/23/1993	
		5,207,678		Harms et al.	05/04/1993	
		5,217,497		Mehdian	06/08/1993	
		5,242,446		Steffee et al.	09/07/1993	
		5,261,907		Vignaud et al.	11/16/1993	
		5,261,912		Frigg	11/16/1993	
		5,261,913		Marmay, T.	11/16/1993	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>3</sup>
		Office <sup>4</sup>	Number <sup>1</sup>	Kind Code <sup>5</sup>				
		DE	298 10 798	U1	Schafer Micomed GmbH	12/02/1999	DE	
		DE	3434807	A1	Mecron Medizinische Produkte GmbH	12/19/1985	DE	
		DE	3639810	A1	Ulrich, Heinrich	05/26/1988	DE	
		DE	3711013	C1	Harms, Jurgun	06/09/1988	DE	
		DE	3916198	C2	Gerhard Hug GmbH	07/16/1992	DE	
		EP	0346521		Acromed Corp	07/27/1988	EP	
		EP	0465158		Mehdian Seyed Mohamed	06/28/1991	EP	

Examiner Signature	Date Considered
-----------------------	--------------------

<sup>1</sup> EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> See Kinds Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov). <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.  
 This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO		Confirmation Number	1111
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary) Sheet 5 of 28		Application Number	10/821,284
		Filing Date	April 9, 2004
		First Named Inventor	Moore
		Group Art Unit	3733
		Examiner Name	Hoffman, Mary
		Attorney Docket Number	DEP5292USNP

#### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		5,282,862		Baker et al.	02/01/1994	
		5,282,863		Burton	02/01/1994	
		5,352,231		Brumfield et al.	10/04/1994	
		5,360,431		Puno et al.	11/01/1994	
		5,385,583		Cotrel	01/31/1995	
		5,397,363		Gelbard	03/14/1995	
		5,429,639		Judet, T.	07/04/1995	
		5,443,467		Biedermann et al.	08/22/1995	
		5,466,237		Byrd III et al.	11/14/1995	
		5,468,241		Metz-Stavenhagen et al.	11/21/1995	
		5,474,555		Puno et al.	12/12/1995	

#### FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>3</sup>
		Office <sup>4</sup>	Number <sup>5</sup>	Kind Code <sup>5</sup>				
		EP	0836835	A2	Spinal Innovations	10/09/1996	EP	
		EP	0870474		Bioprot SA	07/28/1997	EP	
		EP	1090595	A2	Stryker Spine	04/11/2001	EP	
		EP	0614649		Biedermann Motech	02/10/1994	EP	
		DE	100 27 988	A1	Kosmala	01/10/2002	DE	
		DE	101 36 129	A1	Biedermann Motech	02/20/2003	DE	
		DE	101 57 969	C1	Biedermann Motech	02/06/2003	DE	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov). <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.  
 This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 6 of 28

Confirmation Number	1111
Application Number	10/821,284
Filing Date	April 9, 2004
First Named Inventor	Moore
Group Art Unit	3733
Examiner Name	Hoffman, Mary
Attorney Docket Number	DEP5292USNP

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		5,496,321		Pano et al.	03/05/1996	
		5,520,689		Schlapfer et al.	05/28/1996	
		5,536,268		Griss, P.	07/16/1996	
		5,545,165		Biedermann et al.	08/13/1996	
		5,554,157		Errico et al.	09/10/1996	
		5,569,248		Mathews	10/29/1996	
		5,584,887		Kambin	12/17/1996	
		5,585,020		Johnson et al.	01/1999	
		5,586,984		Errico et al.	12/24/1996	
		5,605,457		Bailey et al.	02/25/1997	
		5,647,873		Errico et al.	07/15/1997	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>3</sup>
		Office <sup>4</sup>	Number <sup>1</sup>	Kind Code <sup>5</sup>				
		DE	199 12 364	A1	Brehm, Peter	10/12/2000	DE	
		DE	430 7576		Biedermann	04/21/1994	DE	
		EP	1133951	A2	Lee, Chun-Tek	09/19/2001	EP	
		EP	1190678	A2	DePuy Acromed	03/27/2002	EP	
		EP	1332722	A1	Stryker Trauma GmbH	08/06/2003	EP	
		EP	0242708	A2	Harms, Jurgen	04/08/1987	EP	
		EP	0283373	A1	Societe De Fabrication de Materiel Orthopedique, Berk.Mer, FR	03/04/1988	EP	

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov). <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 7 of 28

Confirmation Number	1111
Application Number	10/821,284
Filing Date	April 9, 2004
First Named Inventor	Moore
Group Art Unit	3733
Examiner Name	Hoffman, Mary
Attorney Docket Number	DEPS292USNP

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		5,651,789		Cotrel	07/29/1997	
		5,667,508		Errico et al.	09/16/1997	
		5,669,911		Errico et al.	09/23/1997	
		5,672,176		Biedermann et al.	09/30/1997	
		5,683,390		Metz-Stavenhagen et al.	11/04/1997	
		5,683,391		Boyd	11/01/1997	
		5,690,630		Errico et al.	11/25/1997	
		5,716,356		Biedermann et al.	09/30/1997	
		5,725,527		Biedermann et al.	03/10/1998	
		5,733,286		Errico et al.	03/31/1998	
		5,738,685		Halm et al.	04/14/1998	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>3</sup>
		Office <sup>4</sup>	Number <sup>1</sup>	Kind Code <sup>5</sup>				
		EP	0324022		Biedermann	09/15/1993	EP	
		EP	0328883	A2	Howmedica GmbH	01/17/1989	EP	
		EP	0330881	A1	Synthes	02/10/1989	EP	
		EP	0348272		Societe De Fabrication de Materiel Orthopedique, Berk Mer, FR	06/13/1989	EP	
		EP	0392927		Societe De Fabrication de Materiel Orthopedique, Berk Mer, FR	04/11/1990	EP	
		EP	0379551		Harms, Jürgen	07/11/1989	EP	
		EP	0441729		Vignaud, Jean-Louis	02/05/1991	EP	

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov). <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 8 of 28

Confirmation Number	1111
Application Number	10/821,284
Filing Date	April 9, 2004
First Named Inventor	Moore
Group Art Unit	3733
Examiner Name	Hoffman, Mary
Attorney Docket Number	DEPS292USNP

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		5,782,833		Haider	07/21/1998	
		5,788,097		McInnes	08/04/1998	
		5,797,911		Sherman et al	03/09/1999	
		5,810,818		Errico	09/22/1998	
		5,817,094		Errico et al.	10/06/1998	
		5,863,293		Kichelosph	01/26/1999	
		5,873,878		Harms et al.	02/23/1999	
		5,879,350		Shermann et al.	03/09/1999	
		5,882,350		Ralph et al.	03/16/1999	
		5,885,286		Sherman et al.	03/23/1999	
		5,888,221		Gelbard	03/30/1999	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
		EP	0452451		Biederman	11/02/1990	EP	
		EP	0528706		Societe De Fabrication de Materiel Orthopedique, Berk.Mer, FR	07/16/1992	EP	
		EP	0672790		Synthes AG	04/22/1993	EP	
		EP	0771635		Nordson Corp	10/09/1996	EP	
		EP	1332722		Metz-Stavenhagen	05/20/1998	EP	
		FR	2 659 546		LaPresle	03/19/1990	FR	
		FR	2 624 720		Societe De Fabrication de Materiel Orthopedique, Berk.Mer, FR	12/21/1987	FR	

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov). <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO		Confirmation Number	1111
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary) Sheet 9 of 28		Application Number	10/821,284
		Filing Date	April 9, 2004
		First Named Inventor	Moore
		Group Art Unit	3733
		Examiner Name	Hoffman, Mary
		Attorney Docket Number	DEPS292USNP

#### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		5,891,145		Morrison et al.	04/06/1999	
		5,899,905		Errico et al.	05/04/1999	
		5,925,047		Errico et al.	07/20/1999	
		5,947,969		Errico et al.	09/07/1999	
		5,964,760		Richelsoff, M.	10/12/1999	
		5,976,146		Ogawa	11/02/1999	
		5,984,922		McKay	11/16/1999	
		6,004,349		Jackson	12/21/1999	
		6,010,503		Richelsoff	01/04/2000	
		6,033,406		Mathews	03/07/2000	
		6,053,917		Sherman et al.	04/25/2000	

#### FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
		JP	64 76847		Cotrel	3/22/1989	JP	
		DE	9006568.9		Jeszensky, D.	12/06/1990	DE	
		DE	9403231.9		Aesculap AG	06/01/1994	DE	
		DE	8915443.6		Societe de Fabricatgion de Materiel Orthopedique, Berk Mer, FR	07/26/1990	DE	
		WO	05041799		Spitter	05/12/2005	WO	
		JP	64 76847		Cotrel	3/22/1989	JP	
		DE	9006568.9		Jeszensky, D.	12/06/1990	DE	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov). <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 10 of 28

Confirmation Number	1111
Application Number	10/821,284
Filing Date	April 9, 2004
First Named Inventor	Moore
Group Art Unit	3733
Examiner Name	Hoffman, Mary
Attorney Docket Number	DEP5292USNP

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		6,056,753		Jackson	05/02/2000	
		6,059,786		Jackson	05/09/2000	
		6,074,391		Metz-Stavenhagen et al.	06/13/2000	
		6,077,262		Schlapfer et al.	06/20/2000	
		6,083,225		Winslow et al.	07/04/2000	
		6,083,227		Saurat et al.	07/04/2000	
		6,090,110		Metz-Stravenhagen, P.	07/18/2000	
		6,090,111		Nichols	07/18/2000	
		6,099,528		Saurat	08/08/2000	
		6,102,912		Cazin et al.	08/15/2000	
		6,102,913		Jackson	08/15/2000	

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference conceded, whether or not citation is in conformance with MPPEP 909. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov). 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 11 of 28

Confirmation Number	1111
Application Number	10/821,284
Filing Date	April 9, 2004
First Named Inventor	Moore
Group Art Unit	3733
Examiner Name	Hoffman, Mary
Attorney Docket Number	DEP5292USNP

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		6,113,602		Sand	09/05/2000	
		6,120,760		Hotten et al.	09/19/2000	
		6,132,431		Nilsson et al.	10/17/2000	
		6,132,432		Richelsoph	10/17/2000	
		6,139,551		Michelson et al.	10/31/2000	
		6,183,472		Lutz, C.	02/06/2001	
		6,224,598		Jackson, R.	05/01/2001	
		6,235,028		Brumfield et al.	05/22/2001	
		6,251,112		Jackson, R.	06/26/2001	
		6,254,602		Justis	07/03/2001	
		6,258,090		Jackson	07/10/2001	

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See instructions regarding the format of the citation designations at the end of this form. \*If the applicant is a Japanese national or resident, or a Japanese company, firm, or corporation, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. \*Applicant is to place a check mark here if

This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain a refund benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete.

Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22304-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS OFFICE.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 12 of 28

Confirmation Number	1111
Application Number	10/821,284
Filing Date	April 9, 2004
First Named Inventor	Moore
Group Art Unit	3733
Examiner Name	Hoffman, Mary
Attorney Docket Number	DEP5292USNP

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		6,261,287		Metz-Stavenhagen	07/17/2001	
		6,280,442		Barker et al.	08/28/2001	
		6,296,642		Morrison et al.	10/02/2001	
		6,299,616		Beger	10/09/2001	
		6,315,564		Levisman	11/2001	
		6,331,179		Freid et al.	12/18/2001	
		6,355,040		Richelsoff et al.	03/12/2002	
		6,358,254		Anderson	03/19/2002	
		6,361,535		Jackson, R.	03/26/2002	
		6,371,989		Chauvin et al.	04/16/2002	
		6,379,356		Jackson	04/30/2002	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>1</sup>	Kind Code <sup>5</sup>				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov). <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 13 of 28

<b>Confirmation Number</b>	1111
<b>Application Number</b>	10/821,284
<b>Filing Date</b>	April 9, 2004
<b>First Named Inventor</b>	Moore
<b>Group Art Unit</b>	3733
<b>Examiner Name</b>	Hoffman, Mary
<b>Attorney Docket Number</b>	DEPS292USN

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		6,387,097		Alby	04/14/2002	
		6,416,515		Wagner	07/09/2002	
		6,428,541		Boyd	08/06/2002	
		6,440,132		Jackson	08/27/2002	
		6,440,133		Beale et al.	08/27/2002	
		6,440,137		Horvath et al.	08/27/2002	
		6,443,953		Perra et al.	09/03/2002	
		6,454,768		Jackson	09/24/2002	
		6,454,772		Jackson	09/24/2002	
		6,458,131		Ray	10/01/2002	
		6,468,276		McKay	10/22/2002	

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See instructions for filing requirements regarding Japanese priority documents at [www.uspto.gov/patent/initiatives/japan](http://www.uspto.gov/patent/initiatives/japan). If applicant is claiming priority from a Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if this collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain a refund benefit by the public which is to file (and by the USPTO to process) an application. Classification is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete. \*Applicant's name and address. \*Applicant's telephone number. \*Applicant's e-mail address. \*Applicant's fax number. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22304-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS OFFICE. \*Applicant's signature. \*Applicant's title.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 15 of 28

Confirmation Number	1111
Application Number	10/821,284
Filing Date	April 9, 2004
First Named Inventor	Moore
Group Art Unit	3733
Examiner Name	Hoffman, Mary
Attorney Docket Number	DEP5292USNP

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		6,530,028		Yokoyama	03/04/2003	
		6,530,929		Justis	03/11/2003	
		6,537,276		Metz-Stavenhagen	03/25/2003	
		6,540,748		Lombardo, A	04/01/2003	
		6,540,749		Schafer et al.	04/01/2003	
		6,641,586		Varieur	11/2003	
		6,723,100		Biederamann et al.	04/20/2004	
		6,730,089		Jackson	05/2004	
		6,793,656		Mathews	09/21/2004	
		6,911,030		Vanacker et al.	05/28/2005	
		2001/0001119		Lombardo	05/10/2001	

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See instructions for filing requirements regarding foreign priority documents. \*If applicant is a Japanese resident, please indicate the date of residence status change. \*If applicant is a Japanese parent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if

This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain a refund benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete.

Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22304-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS OFFICE.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO		Confirmation Number	1111
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary) Sheet 17 of 28		Application Number	10/821,284
		Filing Date	April 9, 2004
		First Named Inventor	Moore
		Group Art Unit	3733
		Examiner Name	Hoffman, Mary
		Attorney Docket Number	DEP5292USNP

#### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		2002/0035366		Walden	03/21/2002	
		2002/0040243		Attali	04/04/2002	
		2002/0045898		Freid	04/18/2002	
		2002/0049444		Knox	04/25/2002	
		2002/0055739		Lieberman	05/09/2002	
		2002/0058942		Biedermann et al	05/16/2002	
		2002/0068938		Jackson	06/06/2002	
		2002/0068940		Gaines	06/06/2002	
		2002/0082602		Biederman	06/27/2002	
		2002/0091386		Martin	07/11/2002	
		2002/0095153		Jones et al.	07/18/2002	

#### FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>1</sup>	Kind Code <sup>5</sup>				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov). <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 18 of 28

<b>Confirmation Number</b>	1111
<b>Application Number</b>	10/821,284
<b>Filing Date</b>	April 9, 2004
<b>First Named Inventor</b>	Moore
<b>Group Art Unit</b>	3733
<b>Examiner Name</b>	Hoffman, Mary
<b>Attorney Docket Number</b>	DEP5292USNP

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		2002/0111626		Ralph et al.	08/15/2002	
		2002/0111628		Ralph et al.	08/15/2002	
		2002/0116000		Zucherman et al.	08/22/2002	
		2002/0116001		Schafer	08/22/2002	
		2002/0120272		Yuan et al.	08/29/2002	
		2002/0133154		Saint Martin	09/19/2002	
		2002/0138076		Biedermann et al	09/26/2002	
		2002/0143341		Biedermann et al.	10/03/2002	
		2002/0161368		Foley et al.	10/31/2002	
		2002/0169448		Vanacker	11/14/2002	
		2002/0169450		Lange, R.	11/14/2002	

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference consented, whether or not citation is in conformance with MPPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* Applicant's unique citation designation number (optional). \* See Kinds Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov). \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \* Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case.

complete, including gathering, preparing, and submitting the completed application to the USPTO. This will vary depending upon the individual or entity submitting the application. For more information, please contact the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO		Confirmation Number	1111
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary) Sheet 19 of 28		Application Number	10/821,284
		Filing Date	April 9, 2004
		First Named Inventor	Moore
		Group Art Unit	3733
		Examiner Name	Hoffman, Mary
		Attorney Docket Number	DEP5292USNP

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		2002/0173791		Howland	11/21/2002	
		2002/0183747		Jao et al.	12/05/2002	
		2002/0183748		Martin et al.	12/05/2002	
		2002/0183749		Burgess et al.	12/05/2002	
		2003/0004511		Ferree	01/02/2003	
		2003/0004512		Farris et al.	01/02/2003	
		2003/0009168		Beale et al.	01/09/2003	
		2003/0023240		Amrein et al.	01/30/2003	
		2003/0023243		Biedermann et al.	01/30/2003	
		2003/0028190		Patel	02/06/2003	
		2003/0032957		McKinley	02/13/2003	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>1</sup>	Kind Code <sup>5</sup>				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov). <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.  
 This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 20 of 28

Confirmation Number	1111
Application Number	10/821,284
Filing Date	April 9, 2004
First Named Inventor	Moore
Group Art Unit	3733
Examiner Name	Hoffman, Mary
Attorney Docket Number	DEP5292USNP

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		2003/0045875		Bertranov	03/06/2003	
		2003/0045879		Minfelde et al.	03/06/2003	
		2003/0050640		Lee et al.	03/13/2003	
		2003/0055426		Carbone et al.	03/20/2003	
		2003/0055427		Graf	03/20/2003	
		2003/0060823		Bryan	03/27/2003	
		2003/0060824		Viart	03/27/2003	
		2003/0060826		Foley	03/27/2003	
		2003/0083657		Dzowny	05/01/2003	
		2003/0100896		Biedermann et al.	05/29/2003	
		2003/0100904		Biedermann, L.	05/29/2003	

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	Date Considered
-----------------------	--------------------

**\*EXAMINER:** Initial if reference consented, whether or not citation is in conformance with MPPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1. Applicant's unique citation designation number (optional). 2. See Kinds Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov). 3. Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6. Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 172 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 21 of 28

Confirmation Number	1111
Application Number	10/821,284
Filing Date	April 9, 2004
First Named Inventor	Moore
Group Art Unit	3733
Examiner Name	Hoffman, Mary
Attorney Docket Number	DEP5292USNP

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		2003/0208203		Lim et al	11/06/2003	
		2003/0216748		Gitis	11/20/2003	
		2003/0216768		Gitis	11/20/2003	
		2004/0039384		Boehm et al.	02/26/2004	
		2004/0143265		Landry	07/22/2004	
		2004/0243139		Lewis	12/02/2004	
		2005/001022		Dalton	01/13/2005	
		2005/011383		Molz	05/26/2005	
		2005/0171540		Lim et al.	08/04/2005	
		2005/0171549		Boehm et al.	08/04/2005	
		2005/0192571		Roger Jackson	09/01/2005	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>1</sup>	Kind Code <sup>5</sup>				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov). <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet 22 of 28

<b>Confirmation Number</b>	1111
<b>Application Number</b>	10/821,284
<b>Filing Date</b>	April 9, 2004
<b>First Named Inventor</b>	Moore
<b>Group Art Unit</b>	3733
<b>Examiner Name</b>	Hoffman, Mary
<b>Attorney Docket Number</b>	DEP5292USNP

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		2005/0192570		Roger Jackson	09/01/2005	
		2002/0138077		Ferree	09/26/2002	
		2002/0188295		Martz	12/12/2002	
		2004/0138662		Landry	07/15/2004	
		2004/0181224		Biedermann	09/16/2004	
		2004/0204711		Jackson	10/14/2004	
		5,899,904		Errico	05/04/1999	
		5,984,923		Breard	11/16/1999	
		5,989,254		Katz	11/23/1999	
		6,368,321		Jackson	04/09/2002	
		6,648,888		Shluzas	11/18/2003	

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	Date Considered
-----------------------	--------------------

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See [www.uspto.gov/patent/hafe/hafe.html](http://www.uspto.gov/patent/hafe/hafe.html) for more information. \*If applicant is a Japanese parent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if this collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain a refund is to file a claim to the fee (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 172 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete. \*Applicant's signature and date. \*Applicant's address. \*Applicant's telephone number. \*Applicant's fax number. \*Applicant's e-mail address. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22304-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS OFFICE. \*Applicant's signature and date. \*Applicant's address. \*Applicant's telephone number. \*Applicant's fax number. \*Applicant's e-mail address.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

Confirmation Number	1111
Application Number	10/821,284
Filing Date	April 9, 2004
First Named Inventor	Moore
Group Art Unit	3733
Examiner Name	Hoffman, Mary
Attorney Docket Number	DEP5292USNP

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		6,554,831		Rivard	04/29/2003	
		6,652,527		Zucherman	11/25/2003	
		6,837,889		Schluzas	01/04/2005	
		2005.0065517		Chin	03/24/2005	
		2005/0038432		Shaolian	02/17/2005	
		2005.0085813		Spitler	04/21/2005	
		4,234,036		Reilly	4/13/1982	
		4,864,614		Crowther	9/15/1989	
		5,052,643		Law	10/1/1991	
		5,961,266		Tsenge	10/5/1999	
		6,302,633		Poe	10/16/2001	

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**EXAMINER:** Initial if reference cited, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* Applicant's unique citation designation number (optional). \* See <http://www.uspto.gov/patents/ipo/foreign/patent/foreign.html> for more information. \* If applicant is a Japanese parent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \* Applicant is to place a check mark here if:

☐ This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete.

☐ Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 24 of 28

Confirmation Number	1111
Application Number	10/821,284
Filing Date	April 9, 2004
First Named Inventor	Moore
Group Art Unit	3733
Examiner Name	Hoffman, Mary
Attorney Docket Number	DEP5292USNP

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		6,726,689		Jackson	4/7/2004	
		6,905,500		Jeon	6/14/2005	
		2003/229347		Sherman	12/11/2003	
		5,589,901		Middleton	5/4/1999	
		7,156,850		Kim	1/2/2007	
		6,554,834		Crozet	4/29/2003	
		6,458,132		Choi	10/1/2002	
		5,680,963		Brusko	10/28/1997	
		6,755,829		Bono	6/29/2004	
		7,081,117		Bono	7/25/2006	
		7,125,426		Moumene	10/24/2006	

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	Date Considered
--------------------	-----------------

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See instructions regarding the format of the citation designations at the end of this form. \*If the applicant is a Japanese national or resident, or if the invention was first made in Japan, the date of the filing of the application by the applicant with the Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. \*Applicant is to place a check mark here if

This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain a refund or benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete.

Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22304-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS OFFICE.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO		Confirmation Number	1111
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary) Sheet 25 of 28		Application Number	10/821,284
		Filing Date	April 9, 2004
		First Named Inventor	Moore
		Group Art Unit	3733
		Examiner Name	Hoffman, Mary
		Attorney Docket Number	DEP5292USNP

#### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		7666188		Anderson	02/23/2010	
		7527638		Anderson	05/05/2009	
		20070129731		Sicvol	06/07/2007	
		7179261		Sicvol	02/20/2007	
		4324036		Reilly	04/13/1982	
		6159179		Simonson	12/12/2000	
		6692434		Ritland	2/17/2004	
		6951538		Ritland	10/4/2005	
		20030083688		Simonson	5/1/2003	
		20030083689		Simonson	5/1/2003	

#### FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>3</sup>
		Office <sup>4</sup>	Number <sup>5</sup>	Kind Code <sup>5</sup>				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov). <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO		Confirmation Number	1111
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary) Sheet 26 of 28		Application Number	10/821,284
		Filing Date	April 9, 2004
		First Named Inventor	Moore
		Group Art Unit	3733
		Examiner Name	Hoffman, Mary
		Attorney Docket Number	DEP5292USNP

#### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		20050131421		Anderson	6/16/2005	
		20050131422		Anderson	6/16/2005	
		20050137461		Marchek	6/23/2005	
		20050159650		Raymond	7/21/2005	
		20050159651		Raymond	7/21/2005	
		20050215866		Kim	9/29/2005	

#### FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	KindCode <sup>5</sup>				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov). <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.  
 This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO

(use as many sheets as necessary)

<i>Confirmation Number</i>	1111
<i>Application Number</i>	10/821,284
<i>Filing Date</i>	April 9, 2004
<i>First Named Inventor</i>	Moore
<i>Group Art Unit</i>	3733
<i>Examiner Name</i>	Hoffman, Mary
<i>Attorney Docket Number</i>	DEPS292USN

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* Applicant's unique citation designation number (optional). \* Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, reviewing, and sending information. The time to complete this form will vary depending upon the individual case. An applicant, on an amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.